

Appendix A

```

; TITLE OF INVENTION: OLIGONUCLEOTIDE REPEAT ARRAYS
; NUMBER OF SEQUENCES: 95
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Sheldon & Mak
; STREET: 225 South Lake Avenue, 9th Floor
; CITY: Pasadena
; STATE: CA
; COUNTRY: USA
; ZIP: 91101
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette, 3.50 inch, 1.44 Mb storage
; COMPUTER: IBM compatible
; OPERATING SYSTEM: Windows 95
; SOFTWARE: Corel WordPerfect 8 version
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/863,639A
; FILING DATE: May 28, 1997
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Joseph E. Miett
; REGISTRATION NUMBER: 20,532
; REFERENCE/DOCKET NUMBER: 11859-1
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (626) 796-4000
; TELEFAX: (626) 795-6221
; INFORMATION FOR SEQ ID NO: 31:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 36 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: Other nucleic acid
; US-08-863-639A-31

Query Match      100.0%; Score 467; DB 4; Length 50000;
Best Local Similarity 100.0%; Pred. No. 3.1e-23; Matches 467; Conservative 0; Indels 0; Gaps 0;
Matches 467; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy   1 CAAATGTTGCCPATCCACTGGCTTAAGGCTCATGGTGGAGTGGAACCTGTGCTGTAACGCTGTG 1459
Db   1518 CAAATGTTGCCPATCCACTGGCTTAAGGCTCATGGTGGAGTGGAACCTGTGCTGTAACGCTGTG 1459
Qy   61 CTCCTCTCTGGCTGGCACTGAGGCCCTTACCTATGGCTGTGGACTGGTGGAGTGGCTAGGAA 120
Db   1458 CTCCTCTCTGGCTGGCACTGAGGCCCTTACCTATGGCTGTGGACTGGTGGAGTGGCTAGGAA 1399
Qy   121 GTCCTCTCTGGCTGGCACTGAGGCCCTTACCAAGGATGGCCCTCTTCCTCCCTTCCTTCCTG 180
Db   1398 GTCCTCTCTGGCTGGCACTGAGGCCCTTACCAAGGATGGCCCTCTTCCTCCCTTCCTTCCTG 1339
Qy   181 TGTCCTCCCTGCCTCATGGCCCTGGCATGAGCCAGGCTGAGGAGGG 240
Db   1338 TGTCCTCCCTGCCTCATGGCCCTGGCATGAGCCAGGCTGAGGAGGG 1279
Qy   241 GAGAAAGGGGCGGCGGATGGCTTAAAGCTGGGAGATGGGAACAGAGGGTAGGGGTG 300
Db   1278 GAGAAAGGGGCGGCGGATGGCTTAAAGCTGGGAGATGGGAACAGAGGGTAGGGGTG 1219
Qy   301 GGCTAGGGGGCTGCCTTATTAAGCTGTGTTTATGATTCTTATACTAAATTTATACAA 360
Db   1238 GGCTAGGGGGCTGCCTTATTAAGCTGTGTTTATGATTCTTATACTAAATTTATACAA 1159
Qy   361 AGATATTAAGGCCCTGGCTTATTAAGGTTAAATGCTGTTTATGTTTCAATGTTGTAA 420
Db   1158 AGATATTAAGGCCCTGGCTTATTAAGGTTAAATGCTGTTTATGTTTCAATGTTGTAA 1099
Qy   421 AGATGTTGTGTGTGTTAAATGCTGTTTATGTTTCAATGTTGTAAAGCTAAAGCTG 467
Db   1098 AGATGTTGTGTGTGTTAAATGCTGTTTATGCTGTTTATGTTTCAATGTTGTAAAGCTG 1052

RESULT 2
US-08-863-639A-31/c
Sequence 31, Application US/08863639A
Serial Information:
  Applicant: Matson, Robert S.
  Coassini, Peter J.
  Rampaal, Jang B.
  Key, C. T.

TITLE OF INVENTION: Chromosomal Markers and Diagnostic Tests for Manic-Depressive Illness
NUMBER OF SEQUENCES: 197
CORRESPONDENCE ADDRESS:
  Gershon, Elliott S.
  Badner, Judith A.
  Goldin, Lynn R.
  Berrettini, Wade H.
  Yoshikawa, Takeo
  Sanders, Alan R.
  Estering, Lisa E.
  Townsend and Crew LLP
  Two Embarcadero Center, Eighth Floor
  San Francisco
  STATE: CA
  COUNTRY: USA
  ZIP: 94111-384
COMPUTER READABLE FORM:
  MEDIUM TYPE: Diskette
  COMPUTER: IBM Compatible
  OPERATING SYSTEM: DOS
  SOFTWARE: FastSEC for Windows Version 2.0
  CURRENT APPLICATION DATA:
  APPLICATION NUMBER: US/09/091,952A

```

Db 1381 TCTCCCCATATGCAATTGGCTTAATGTAACCTTCTTGCATGTTGCCATTCTGCCA 1440
Qy 1441 TCTTGAATGTCCTGTCAGCCAAATTCAATCATCTATAAACACTAAATTGAG 1491
Db 1441 TCTTGAATGTCCTGTCAGCCAAATTCAATCATCTATAAACACTAAATTGAG 1491

Search completed: March 20, 2004, 18:14:16
Job time : 6059.8 secs